



To find out more about career preparation in plant science and veterinary medicine at NCSU, you may contact the College of Agriculture and Life Sciences by phone at (919) 515-3248. Their Web site is <<http://www.cals.ncsu.edu>>.

For More Information

For additional information about the Ag-DISCOVERY program, contact

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North Carolina State University

NCSU is a land-grant institution founded in 1887 and located in Raleigh, NC. A nationally recognized leader in science and technology with historic strengths in agriculture and engineering, NC State provides a high-quality education in numerous fields of study, including agricultural and life sciences. NCSU offers bachelor's degrees in 102 fields, master's degrees in 108 fields, and doctoral degrees in 60 fields (including botany, crop science, entomology, horticulture, and plant pathology).

The Science House is a learning outreach project of NCSU. Its mission is to work in partnership with K-12 teachers to increase the use and impact of hands-on learning technologies in mathematics and science. The Science House is pleased to facilitate Ag-DISCOVERY in 2006.

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Animal and Plant Health Inspection Service

APHIS 81-10-001

Ag-DISCOVERY: Investing in the Plant Science

June 19 – June 30, 2006



What Is Ag-DISCOVERY?

Ag-DISCOVERY is an outreach program to help teen-agers learn about careers in plant science and veterinary medicine. The program allows students to live on a college campus and learn about science from university professors and practicing entomologists, botanists, and plant pathologists working for the U.S. Government. This 2-week summer boarding program for 2006 targets students 14–17 years of age who are interested in learning more about plant science. Students chosen to participate in Ag-DISCOVERY will gain experience through hands-on labs, workshops, and field trips. Students will also participate in character- and team-building activities and diversity workshops.

Who Is Sponsoring the Ag-DISCOVERY Program?

North Carolina State University (NCSU) and the Animal and Plant Health Inspection Service (APHIS)—an agency of the U.S. Department of Agriculture (USDA)—are joining forces to sponsor Ag-DISCOVERY. Many of the Federal Government's professional plant scientists work for APHIS. APHIS is funding Ag-DISCOVERY, and NCSU is hosting program participants on its campus in Raleigh, NC. The university will make a variety of plant species available to Ag-DISCOVERY students. Every participant will work with plants to discover the effects of insects and disease on America's agriculture. Mr. Keith Warren, of the Science House—NCSU's statewide kindergarten–grade 12 learning outreach project—will facilitate the program.

How Much Will It Cost?

Students selected for the 2006 Ag-DISCOVERY summer session will pay only the cost of their transportation to get from home to Raleigh for the start of the session on June 19 and back again at the end of the session on June 30.



The cost of tuition, room and board, and lab supplies for the 2-week program will be covered by the Equal Employment Opportunity Advisory Committee of APHIS' Plant Protection and Quarantine unit.

How Do I Apply?

Students between the ages of 14 and 17 are eligible to apply for admission to Ag-DISCOVERY. *Note:* You must be at least 14 and no older than 17 as of May 31, 2006.

You must submit a complete application package to USDA–APHIS **before April 28, 2006**. Packages postmarked after that date will not be accepted.

Here's what to put in your application package:

- A two-page essay entitled "What I'd Like To Know About Plant Science, and Why." In the essay, include information on your interests, hobbies, and plans for the future. Be sure to include your full name, age, home address, and home telephone number.
- Three character references—letters from people



not related to you who know you well. At least one of the three references must come from a teacher or counselor.

Mail your completed package to:

Ms. Nancy D. Matthews
USDA, APHIS, Plant Protection and Quarantine
920 Main Campus Drive, Suite 200
Raleigh, NC 27606

In May, APHIS will let you know if you have been selected for this summer's Ag-DISCOVERY program. Meanwhile, if you'd like to learn more about APHIS or about NCSU, visit these Web sites:

<http://www.aphis.usda.gov>
<http://www.ncsu.edu>